MULTIMEDIA UNIVERSITY®

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2018 / 2019

PCA0074 - COMPUTER APPLICATIONS IN BUSINESS

(Foundation in Management)

9th MARCH 2019
9:00 a.m. – 11.00 a.m.
(2 Hours)

INSTRUCTIONS TO STUDENT

1. This question paper consists of 4 pages (excluding cover page) with 5 Questions only.

2. Attempt **ALL** questions. All questions carry equal marks and the distribution of the marks for each question is given.

3. Write your answers in the Answer Booklet.

QUESTION 1 [20 Marks]

a. Tom, Larry, Susan and Jane recently graduated from university. They pursued a degree in Accounting, Engineering, Management and Animation respectively. Based on Table 1 below, suggest which computer model might be suitable for each of them before they begin their career in the workplace. Provide justifications for each graduate.

(20 marks)

Model : A > Intel® Core i3-6100U > 4GB DDR4 > 1TB HDD > NVIDIA GeForce 920MX 2GB DDR3 > DVD-RW > 14.0" HD > Windows 10 > 1 year warranty	**Model : B** > Intel® Core i3-6100U > 4GB DDR4 > 1TB HDD > Integrated Graphics > DVD-RW > 14.0" HD > Windows 10 > 1 year warranty	**Model: C** Intel® Core i5-8250U > 4GB DDR3 > 1TB HDD > Integrated Graphics > DVD-RW > 14.0" FHD > Windows 10 > 2 years warranty
Model : D >Intel® Core i7-8750H > 16GB DDR4 > 128GB SSD + 1TB HDD > NVIDIA GeForce GTX1060 6GB DDR5 > NO DVD-RW > 21.5" FHD > Windows 10 > 2 years warranty	**Model : E** > Intel® Core i7-7700HQ > 8GB DDR4 > 1TB 72R 2.5' SATA > NVIDIA® GeForce® 4GB GTX1050 GDDR5 > NO DVD-RW > 15.6" FHD > Windows 10 > 1 year warranty	**Model : G** > Intel® Celeron® N4000 > 4GB DDR4 > 500G HDD > Integrated Graphics > NO DVD-RW > 14" HD > Windows 10 > 1 year warranty

Table 1

Continued...

QUESTION 2 [20 Marks]

a. Figure 1 below shows a typical video conference. What is a video conference?

(5 marks)

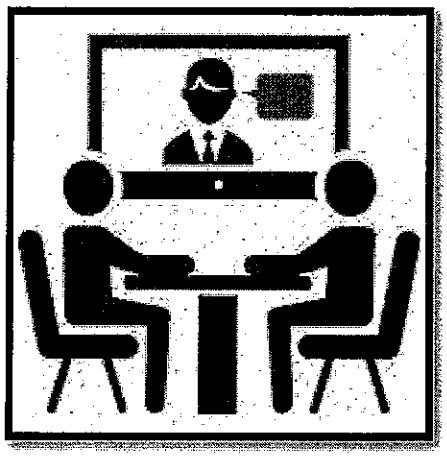

Figure 1

b. What are the benefits of video conferencing?

(6 marks)

c. List **THREE (3)** input and **THREE (3)** output devices used in a video conference.

(9 marks)

QUESTION 3 [20 Marks]

a. Without communication software, it disable Internet users to communicate and exchange data and files with each other. Explain **FIVE (5)** examples of communication software.

(10 marks)

b. Netiquette is defined as acceptable online behaviour. In your opinion, discuss why is netiquette important?

(10 marks)

Continued...

QUESTION 4 [20 Marks]

a. Between a router and a hub, which is a smarter device? Discuss.

(6 marks)

b. Figure 2 below shows an example of typical home wireless network. Using the terms in the box below, label Figure 2 accordingly.

Desktop	Wireless Router	Router	Laptop
Wired connection	Internet	Wireless signal	

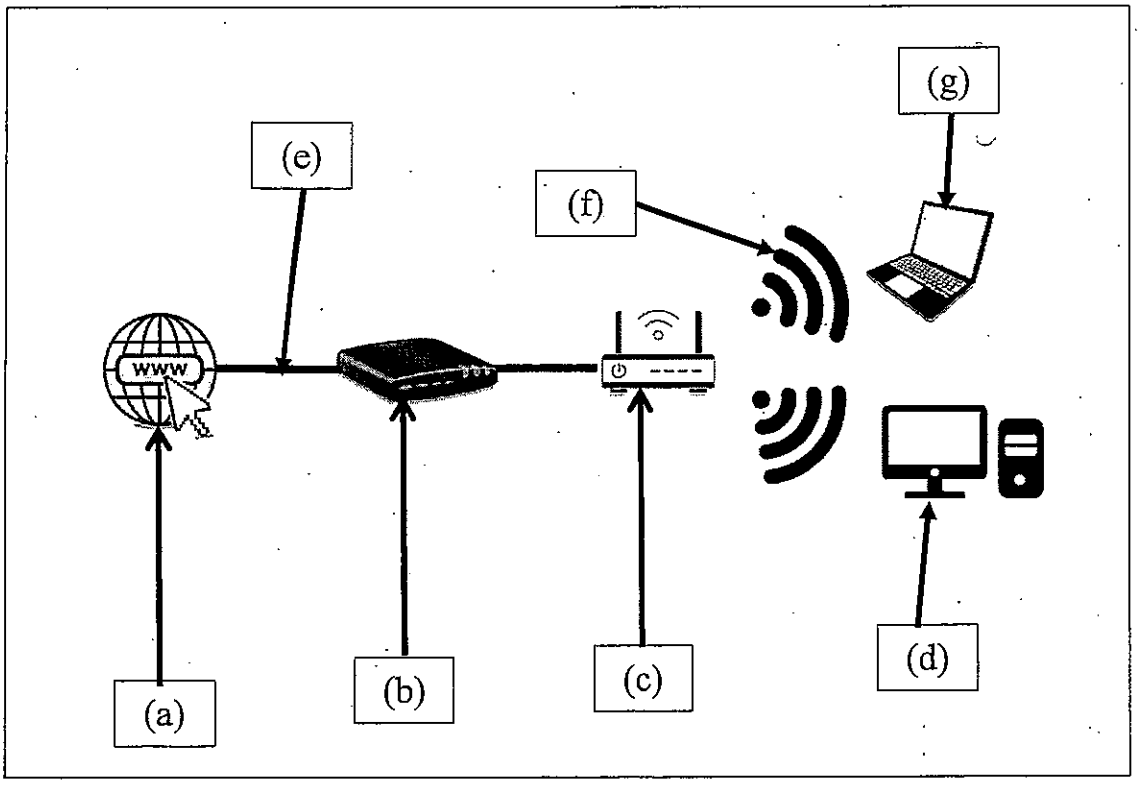

Figure 2

(14 marks)

QUESTION 5 [20 Marks]

a. Jacob has been assigned to design and produce a courseware for management students in his university. A courseware is educational material intended for a specific group of people, usually packaged for use with a computer. The courseware should contain multimedia elements to make the learning process more attractive and interesting.

i. During the design stage, Jacob was still confuse with the usage of text in multimedia. List **THREE (3)** usages of text in multimedia.

(3 marks)

ii. Jacob is still undecided on which typefaces to use for the courseware. Briefly explain the difference between serif and sans serif characters? Give an example of usage for both types.

(4 marks)

iii. To make the courseware more interesting, Jacob plans to combine more multimedia elements such as graphics and animation. State **TWO (2)** types of images that he can use in the project. Provide **TWO (2)** advantages for each type to assist him in deciding which type he should use.

(5 marks)

iv. While designing the graphics, Jacob had to deal with color resolution and image resolution. Briefly explain what is the difference between color resolution and image resolution?

(4 marks)

b. Some Internet users choose to spend several or many hours every day online. What are the potential risks involved with Internet usage? Briefly describe **FOUR (4)** risks.

(4 marks)

End Of Paper